

# SOUTH PRODUCTION NOTES

August 15, 2014  
Morning Shift

BASF EMPLOYEES  
47 Last Recordable  
410 Last Lost Time

**Building 9 and 16 (and 2<sup>nd</sup> floor 31) are regulated. Get All Required Samples and Surface Areas**

Priorities 1 through 8 are basically all the same priority, should be considered urgent and will require call outs for maint. issues and/or processing issues.

- 1) Reduction Tower Screeners
- 2) Reduction Towers
- 3) #3 Line/#3RC
- 4) West Pfaudler/National Dryer/#4RC
- 5) #1 Line/#1 RC
- 6) #2 Line/#2RC
- 7) #5 RC
- 8) Horne Tableting
- 9) #6RC

## **#1 MED / AI-5645:**

**Continue to make batches.** Turned the cooling water to the barrel on the extruder – it was turned off – leave it on.

Midnight shift: Continued.

Day shift:

Afternoon shift: Continue

## **#1 RC / AI-5645:**

Continue to feed. **Bags need to be check weighed. Many bags have been found to be overweight.** Still high NOx product, so be aware of and routinely monitor suction and Trimer status.

Midnight shift: Continued feeding. Suction remains at .36.

Day shift:

Afternoon shift: Continued. Had to clean out Trimer exhaust line as suction was dropping. OK for now...monitor and keep suction at -.35 to -.40.

**Exhaust to Trimer**

### **#2 MED line/ Cu-0860:**

Continue to check every batch before dropping. Be aware that we are to continue adding the 10 lbs of water to the mix on the first step.

Midnight shift: Continued to make batches w/o issues. Collected the 2 MIA bags from Lot 481.

Day Shift:

Afternoon Shift: Cu 3818 Lot 480 consumed, Lot 481 being used (NOTE: two more lot 481 bags found in rail shed – need to be dug out!!!). Continue batches.

### **#2 RC/ Cu-0860:**

Continue to feed and see Bodmann's e-mailed sample instructions.

Hold onto and do not feed bags roped off until advised.

Midnight Shift: Continued to feed.

Day Shift:

Afternoon shift: Continue

**Exhaust to F1**

### **#3 MED / D-1794:**

Start line when seal is repaired.

Midnight Shift: No activity.

Day shift:

Afternoon Shift: Batch ran off from earlier today, but east end seal was pouring out powder during mix. Work order written to fix seal/add packing. Outlet valve on mixer was worked on and per Charlie Fern at 9:00 pm, valve was adjusted and OK. Still need seal repaired before starting.

### **#3 RC / Cleaning for D-1794:**

On hold for temp control / thermocouple / PLC issues

Midnight shift: No activity.

Day shift: IMC is still addressing issues with temperature control.

Afternoon Shift: Batch thermocouples corrected, but IMC needs to work on crown TC's and crown PLC. Work order submitted

**Exhaust to CTO-is in Automatic**

### **#5 RC / Cu-0539:**

**Stopped feed.** We will send exhaust to DC only. No need to go through the Trimer. Monitor vac-u-max at the feed and discharge end.

**Midnight Shift:** Down. No activity.

**Day shift:**

**Afternoon shift:** Still not resolved. Crown temps way too high. Check with maintenance in morning to see if/when this will be addressed/corrected.

### **Exhaust through DC**

### **New Pfaudler / D-1145 SNAP:**

**\*\*\*As of 8:00 pm Thursday, 2 buggies from earlier batch and full pfaudler still to feed. Per Paul Bishop of DL Page, they will be monitoring buggy feeding on Friday morning to identify specific areas that that need reinforced metal to prevent spillage on feed and discharge end. Watch the level on the chromic acid, batch up as needed. Should make 2 Batches per Shift.**

**Midnight shift:** Rotated blender as instructed. Started to drop material in open buggies but will not feed them.

**Day shift:**

**Afternoon Shift:** Batch made, but hold for morning (DL Page to monitor feeding and make necessary corrections for preventing spillage). Also, sodium dichromate full tote was split into two totes and brought to bldg. 31 on 2<sup>nd</sup> floor (There are now 3 half-totes on the floor). On midnight shift tonight, periodically spin pfaudler to keep batch from settling/congealing.

### **National Dryer / D-1145 next:**

**Down. Target = 700 lbs. per hour.**

**Midnight Shift:** No activity.

**Day shift:**

**Afternoon Shift:** Only one buggy was fed and DL Page was tied up and did not monitor...they are returning Friday morning to monitor feeding and belt discharge so they can continue on corrective repairs for spill prevention.

### **#4 RC / D-1145 next:**

**Out of feed, Cr 1145 next**

**Midnight Shift:** No activity.

**Day shift:** hold

**Afternoon Shift:** No activity yet. When batches get going consistently and material is feeding dryer, start calcining. No need to accumulate bags off of Nat Dryer.



## **Exhaust to 4A DC**

### **#6 RC / D-5202**

**We have started feeding the calciner through the floor using the blue frame totes.** Need to clean under the feed end of the dryer throughout the shift to jump ahead on the clean up that surely is coming. Watch calciner feed rate. Midnight shift: Feeding through the floor with blue frame totes.

**Day Shift:**

**Afternoon shift:** Need to watch spillage from feed end under calciner drum. Calciner was feeding too fast, syntron turned down slightly and spillage stopped. Will need to keep up with Microsorb tote filling.

## **Exhaust to Sly Scrubber**

### **Old Pfaudler / Clean for D-1795:**

**Hold, but D-1795 impregs coming soon after D-1794 gets rolling**

**Midnight Shift:** No activity.

**Day Shift:** No activity.

**Afternoon Shift:** No change.

### **Tower 3 / Cu-1986:**

**Continue On.**

**Midnight Shift:** Continue to run.

**Day shift:** Running-should come down Friday afternoon.

**Afternoon shift:** Continue

### **Tower 6 / Cu-1986:**

**Continue on**

**Midnight Shift:** Continue to run.

**Day shift:** Running-another 3 days.

**Afternoon shift:** Continue

### **North Screener / Cu-1986:**

**Re-assembled and running. Currently using an adjustable clamp with a quick disconnect instead of the bungee cord to hold the liner around the discharge chute. So far is working very well.**

**Midnight shift:** Continued to run. **Last tote hanging.**

**Day shift:**

**Afternoon Shift:** Continue. Only a couple totes are left

### **South Screener / Cu-1986:**

Continue On.

Midnight shift: Continued to run. Last tote hanging.

Day shift:

Afternoon Shift: Continue. Only a couple totes are left

### **#2662 (west) Pill Machine / Zr-0403 1/8:**

Continue running. Allen head cone disc was looked at by maintenance and is now operable...enough.

Midnight shift: Down – see afternoon notes.

Day Shift:

Afternoon shift: No change from afternoon...belts on order. NOTE: operator discovered pieces of broken camlock stuck in upper rail, causing the recent lock-up and the subsequent belt breaking. 2 bags of pill mix remaining.

### **#2664 (east) Pill Machine / Zr-0403 1/8:**

Continue running. DC back together, pill machine in place. West machine was tested and looked / sounded good.

Midnight shift: Continued to run.

Day Shift:

Afternoon shift: Continue. 2 bags of pill mix remaining.

### **TK #2 / V-2046 / V-2010 Next:**

Continue with blends.

Midnight shift: Continued changing saggars. Stopped milling – some powder still could be seen on milling deck. Should be able to finish setting up on first shift and start the kiln on second shift – need a longer hose for the top of the hood. THERE ARE RAWs in shipping per Grodecki.

Day Shift:

Afternoon shift: Continue changing saggars over (3-4 more cars to go) and continue milling. Modifications to milling and DC drum covers look good. Milling resumed with virtually no powder release and drum liners not being grabbed/torn by drum covers, per GL Scoggins.

### **PK Blender / Pill Mix:**

On hold until we get more Sterotex.

Midnight Shift: No activity.

Day shift:

Afternoon shift: No change. Planning on screening Sterotex/Acrawax on north end Thur night, plan to make pill mix on Friday day shift.

### **Abbe Blender 5206 coming soon:**

**HOLD. Waiting on next run.**

**Midnight shift: Hold.**

**Day shift:**

**Afternoon Shift: Advised that 5206 will be starting soon. Need to get the Calgonate buckets and supplies stocked and ready**

### **Building 27 Belt Filter / Cu-5020 Trials:**

**On hold.**

**Midnight shift: No activity.**

**Day shift:**

**Afternoon Shift: No activity. Operator was working on pumping out tank farm pit (excess water)**

### **Miscellaneous:**

**All samples of the 0535 bags in truck (dock #1) taken and brought to the lab**

### **Sampling requirements for MED #2:**

**Mixer: MUST be checked before dropping - then get a sample of the wet mix and seal it up so it stays wet – all batches please.**

**Dryer: Every batch off the dryer must be sampled.**

**Calciner: Run empty before feeding this material, then using the same temp setpoints as before start calcining it. Get a SA on the material off the calciner about 20 minutes after it first exits the calciner. Adjust the temps to get SA in spec or call Bodmann for advice. SAMPLE off the calciner BEFORE spiral once per hour. Sample off the BAG if possible as well (or at least every bag change).**